

**PASSAIC VALLEY SEWERAGE COMMISSIONERS  
APPLICATION FOR LETTER OF AUTHORIZATION  
AND / OR  
CONTRACTUAL INDIRECT DISCHARGE AGREEMENT**

**SECTION A**

Check One

- ☒ Groundwater Cleanup  
☐ Well Pump Test  
☐ Construction Water  
☐ Stormwater  
☐ Other (List)

1. Name of Company / or Property applying for discharge: \_\_\_\_\_  
PSEG SERVICES CORPORATION  
\_\_\_\_\_
2. Location: LOCATION OF THE EXCAVATION, SITE REMEDIATION AND CONSTRUCTION DEWATERING  
ACTIVITIES WILL TAKE PLACE @ BLOCKS 647, 649 & 651 ALONG CHARLOTTE AVENUE  
IN JERSEY CITY, HUDSON COUNTY  
\_\_\_\_\_
3. Mailing Address: PSEG SERVICES CORPORATION  
80 PARK PLAZA, PO BOX 570, MAILCODE T-17  
CITY OF NEWARK, NEW JERSEY, 07102  
\_\_\_\_\_
4. Person to contact concerning information provided in this application:  
Name of Contact Official: RAYMOND A. TRIPODI  
Title: MANAGER  
Address: 80 PARK PLAZA, PO BOX 570, MAILCODE T-17  
CITY OF NEWARK, NEW JERSEY  
Phone#: (973) 430- 8663 (CRAIG VEPREK)  
(973) 242-8064  
Fax#: \_\_\_\_\_

5. If consultant is being used for this discharge provide:

Name: Schoor DePalma Inc.

Address: 200 State Highway Route Nine, PO Box 900  
Manalapan, NJ 07726

Phone#: 732-577-9000

Fax#: 732-577-9888

Contact: Anne Napolitano

6. Person or Company responsible for payment of Treatment Fee and /or Connection Fee:

Name: Raymond A. Tripodi, PSEG Services Corporation

Address: 80 Park Plaza, PO Box 570, Mailcode T17  
Newark, New Jersey 07102

Phone#: Craig Veprek (973) 430-8663

Fax#: (973) 242-8064

7. Does Company have NJPDES Permit? Yes — No; If yes, list all: (include whether the Permit is for a discharge to surface water or to groundwater):

N/A

- 7a. If the answer to #7 was yes, why is application being made to discharge the wastewater to the sanitary sewer? \_\_\_\_\_

## SECTION B

## Brief Description of Operation:

1. What type of operation resulted in the contamination, and what are the expected contaminants? Former West End Gas Works: Petroleum Hydrocarbons and Volatiles
2. What is the anticipated duration of discharge? Approximately eighteen (18) months
3. Is there an existing sewer connection on site? Yes - No. If no, explain how wastewater will be conveyed to the sewer? Wastewater will be treated on-site to remove volatiles and will be discharged through an 8" PVC Lateral that will tie into an existing 30" Main located along Charlotte Avenue (refer to plan)  
(Discharge must enter a combined or sanitary sewer only)
4. What is the total amount of volume expected to be discharged? 27.5 Million Gallons
5. What is the estimated average daily flow in (gallons per minute) GPM? 69.4  
(Note: Non-resettable meter must be used to measure the volume)
6. Describe any pretreatment expected to be used to treat the waste stream: On-site treatment system including frac tanks, sand filters, clay filters, oil water separator and granular activated carbon filters for the removal of TSS and Volatiles
7. Provide a description of the final sample point (Example: Sample point is located in building #1 in the discharge pit). Sample point will be located immediately downstream of the on-site treatment system (refer to plan)

## SECTION C

1. Attach Diagram of the Property showing:
  - a. Discharge location
  - b. Treatment system
  - c. Sample point(s) (PVSC requires accessibility to install a sampler)
  - d. Non-resettable flowmeter
  - e. Identify well or well #'s being pumped.
2. Details of connection (s) to the municipal (or PVSC) sewer, including the distance and direction of each connection from the nearest street intersection.
- 2 a. Is or was an NJDEP Treatment Works Approval (TWA) required (Yes or No)?  
If so, was it submitted to PVSC?  
yes, submitted as part of this application for endorsement.

## SECTION D

1. Analysis of wastewater expected to be discharged. If wastewater will be pretreated, analyze sample after pretreatment.

(Refer to attached analytical data results contained within the engineering abstract)

Parameter	Results (mg/l) Report to the nearest hundredth: 0.XX Except where indicated. Example: 0.36 mg/l
(Cd) Cadmium	
(Cu) Copper	
(Pb) Lead	
(Ni) Nickel	
(Zn) Zinc	
(Hg) Mercury ( <i>Report to 0.XXX</i> )	
(Mo) Molybdenum	
Chlorides	
— (BOD) Biochemical Oxygen Demand ( <i>Report to XXX.</i> )	
— (TSS) Total Suspended Solids ( <i>Report to XXX.</i> )	
— (pH) Standard Units	
— (TPH) Total Petroleum Hydrocarbons	
(VOC) Volatile Organic Compounds	

Note: Analysis of discharge parameters shall be performed by a laboratory that has been certified by the State of New Jersey. Company is required to submit all certified lab analyses. Analysis sheets for VOC must identify all analytes individually and must be reported to the method detection levels. PVSC reserves the right to require additional analyses if it deems it necessary.

2. Date samples taken: August 20, 2001

3. Name of Laboratory certified by NJDEP to conduct all required analysis:  
Accutest Laboratories Dayton, NJ (NJDEP Certification 12129)

**SECTION E****CERTIFICATION:**

The information contained in this application is familiar to me and, to the best of my knowledge and belief, such information is true, complete and accurate.

Name of signing official: Raymond A. Tripodi

Title: Manager, PSEG Services Corporation <sup>Print Name</sup>

Date: 1/9/04

Signature Raymond A. Tripodi

MAY-21-04 FRI 02:34 PM SCHOOOR\_DEPALMA

FAX NO. 732 577 9888

P. 01/12

Accutest LabLink@193167 11:01 19-May-2004

## Report of Analysis

Page 1 of 1

Client Sample ID:	FRAC TANK	Date Sampled:	11/03/03
Lab Sample ID:	N52159-1	Date Received:	11/03/03
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	West End Remediation, Saint Pauls Avenue, Jersey City, NJ		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Arsenic	<0.50	D004	5.0	0.50	mg/l	1	11/05/03	11/06/03 ND	SW846 6010B <sup>1</sup>	SW846 3010A <sup>3</sup>
Barium	<1.0	D005	100	1.0	mg/l	1	11/05/03	11/06/03 ND	SW846 6010B <sup>1</sup>	SW846 3010A <sup>3</sup>
Cadmium	<0.0050	D006	1.0	0.0050	mg/l	1	11/05/03	11/06/03 ND	SW846 6010B <sup>1</sup>	SW846 3010A <sup>3</sup>
Chromium	<0.010	D007	5.0	0.010	mg/l	1	11/05/03	11/06/03 ND	SW846 6010B <sup>1</sup>	SW846 3010A <sup>3</sup>
Lead	<0.50	D008	5.0	0.50	mg/l	1	11/05/03	11/06/03 ND	SW846 6010B <sup>1</sup>	SW846 3010A <sup>3</sup>
Mercury	<0.00020	D009	0.20	0.00020	mg/l	1	11/04/03	11/06/03 WG	SW846 7470A <sup>2</sup>	SW846 7470A <sup>4</sup>
Selenium	<0.50	D010	1.0	0.50	mg/l	1	11/05/03	11/06/03 ND	SW846 6010B <sup>1</sup>	SW846 3010A <sup>3</sup>
Silver	<0.010	D011	5.0	0.010	mg/l	1	11/05/03	11/06/03 ND	SW846 6010B <sup>1</sup>	SW846 3010A <sup>3</sup>

(1) Instrument QC Batch: MA12895

(2) Instrument QC Batch: MA12901

(3) Prep QC Batch: MP23773

(4) Prep QC Batch: MP23805

RL = Reporting Limit

MCL = Maximum Contamination Level (40 CFR 261.6(b))



MAY-21-04 FRI 02:34 PM SCHOOOR\_DEPALMA

FAX NO. 732 577 9888

P. 02/12

Accutest LabLink@193167 11:01 19-May-2004

## Report of Analysis

Page 1 of 1

Client Sample ID: FRAC TANK  
Lab Sample ID: N52159-1  
Matrix: AQ - Water  
Date Sampled: 11/03/03  
Date Received: 11/03/03  
Percent Solids: n/a  
Project: West End Remediation, Saint Pauls Avenue, Jersey City, NJ

## General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Corrosivity as pH	8.19 NC			1	11/04/03	LMM	SW846 CHAP7
Cyanide Reactivity	<5.0	5.0	mg/l	1	11/06/03 14:37	JA	SW846 CHAP7
Ignitability (Flashpoint)	>200		Deg. F	1	11/04/03	LMM	SW846 1010
Petroleum Hydrocarbons	11.4	2.6	mg/l	5	11/05/03	JII	EPA 418.1
Sulfide Reactivity	<100	100	mg/l	1	11/06/03	LE	SW846 CHAP7

RL - Reporting Limit

MAY-21-04 FRI 02:34 PM SCHOOOR\_DEPALMA

FAX NO. 732 577 9888

P. 03/12

Accutest LabLink@193167 11:02 19-May-2004

## Report of Analysis

Page 1 of 1

Client Sample ID: COMPOSITE OF ADLER FRAC-TANK #A226							
Lab Sample ID: N53175-1				Date Sampled: 11/18/03			
Matrix: AQ - Water				Date Received: 11/18/03			
Method: SW846 8260B SW846 1311				Percent Solids: n/a			
Project: West End Remediation, Saint Pauls Avenue, Jersey City, NJ							
Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K78835.D	5	11/21/03	YMH	11/20/03	GP21308	VK2688
Run #2	K78840.D	10	11/21/03	YMH	11/20/03	GP21308	VK2688
Purge Volume							
Run #1	5.0 ml						
Run #2	5.0 ml						

CAS No.	Compound	Result	IIW#	MCL	RI	MDI	Units	Q
71-43-2	Benzene	2.83 <sup>a</sup>	10018	0.50	0.010	0.0021	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1888-53-7	Dibromofluoromethane	111%	110%	81-120%
17060-07-0	1,2-Dichloroethane-D4	100%	102%	68-130%
2037-26-5	Toluene-D8	109%	111%	83-116%
400-00-4	4-Bromofluorobenzene	98%	96%	83-119%

(a) Result is from Run# 2

ND = Not detected MDI - Method Detection Limit  
MCL = Maximum Contamination Level (40 CFR 261.6/96)  
B = Indicates value exceeds calibration range

J = Indicates an estimated value  
B = Indicates analyte found in associated method blank  
N = Indicates presumptive evidence of a compound



MAY-21-04 FRI 02:34 PM SCHOOOR\_DEPALMA

FAX NO. 732 577 9888

P. 04/12

Accutest LabLink@193167 11:02 19-May-2004

## Report of Analysis

Page 1 of 1

Client Sample ID: COMPOSITE OF ADLER FRAC-TANK #A226  
Lab Sample ID: N53475-1  
Matrix: AQ - Water  
Project: West End Remediation, Saint Pauls Avenue, Jersey City, NJ

Date Sampled: 11/18/03  
Date Received: 11/18/03  
Percent Solids: n/a

## General Chemistry

Analyte	Result	RI	Units	DF	Analyzed	By	Method
Petroleum Hydrocarbons	3.7	0.52	mg/l	1	11/21/03	SJG	EPA 418.1

RI = Reporting Limit

MAY-21-04 FRI 02:34 PM SCHOOOR\_DEPALMA

FAX NO. 732 577 9888

P. 05/12

Accutest LabLink@193167 11:02 19-May-2004

## Report of Analysis

Page 1 of 1

Client Sample ID: COMPOSITE OF ADLER FRAC-TANK #A228		Date Sampled: 11/18/03
Lab Sample ID: N53475-2		Date Received: 11/18/03
Matrix: AQ - Water	Percent Solids: n/a	
Method: SW846 8260B SW846 1311		
Project: West End Remediation, Saint Pauls Avenue, Jersey City, NJ		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K78836.D	5	11/21/03	YMH	11/20/03	GP21308	VK2688
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	YW#	MCL	RL	MDL	Units	Q
71-43-2	Benzene	0.00%	13018	0.50	0.0050	0.0011	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits				
1868 53-7	Dibromofluoromethane	110%				81-120%		
17060 07-0	1,2-Dichloroethane-D4	102%				68-130%		
2037-20-5	Toluene-118	111%				83-116%		
180-00-4	4-Bromofluorobenzene	96%				83-119%		

ND = Not detected  
 MCL = Maximum Contamination Level (40 CFR 261.6/96)  
 R = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound

MAY-21-04 FRI 02:34 PM SCHOOOR\_DEPALMA

FAX NO. 732 577 9888

P. 06/12

Accutest LabLink@193167 11:02 19-May-2004

## Report of Analysis

Page 1 of 1

Client Sample ID: COMPOSITE OF ADLER FRAC-TANK #A228  
Lab Sample ID: N53475-2  
Matrix: AQ - Water  
Date Sampled: 11/18/03  
Date Received: 11/18/03  
Percent Solids: n/a  
Project: West End Remediation, Saint Pauls Avenue, Jersey City, NJ

## General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Petroleum Hydrocarbons	1.1	0.52	mg/l	1	11/21/03	SJG	EPA 418.1

RL = Reporting Limit

MAY-21-04 FRI 02:34 PM SCHOOOR\_DEPALMA

FAX NO. 732 577 9888

P. 07/12

Accutest LabLink@193167 11:02 19-May-2004

## Report of Analysis

Page 1 of 1

Client Sample ID:	COMPOSITE OF ADLER FRAC-TANK #A035						
Lab Sample ID:	N53475-3			Date Sampled:	11/18/03		
Matrix:	AQ - Water			Date Received:	11/18/03		
Method:	SW846 8260B SW846 1311			Percent Solids:	n/a		
Project:	West End Remediation, Saint Pauls Avenue, Jersey City, NJ						

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K78837.D	5	11/21/03	YMH	11/20/03	GP21308	VK2688
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	IIW#	MCL	RI.	MDL	Units	Q
71-43-2	Benzene	0.401	D918	0.50	0.0050	0.0011	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limts
1868-53-7	Dibromofluoromethane	110%		81-120%
17060-07-0	1,2-Dichloroethane-D4	103%		68-130%
2037-26-5	Toluene-D8	111%		83-116%
400-00-4	4-Bromofluorobenzene	96%		83-119%

ND = Not detected MDL = Method Detection Limit  
MCL = Maximum Contamination Level (40 CFR 201 G/96)  
R = Indicates value exceeds calibration range

J = Indicates an estimated value  
B = Indicates analyte found in associated method blank  
N = Indicates presumptive evidence of a compound

MAY-21-04 FRI 02:34 PM SCHOOOR\_DEPALMA

FAX NO. 732 577 9888

P. 08/12

AccuTest LabLink@103167 11:02 19-May-2004

## Report of Analysis

Page 1 of 1

Client Sample ID: COMPOSITE OF ADI ER FRAC-TANK #A035  
Lab Sample ID: N53175-3  
Matrix: AQ - Water  
Project: West End Remediation, Saint Pauls Avenue, Jersey City, NJ

Date Sampled: 11/18/03  
Date Received: 11/18/03  
Percent Solids: n/a

## General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Petroleum Hydrocarbons	7.9	0.51	mg/l	1	11/21/03	SJG	EPA 418.1

RL = Reporting Limit

MAY-21-04 FRI 02:35 PM SCHOOOR\_DEPALMA

FAX NO. 732 577 9888

P. 09/12

Accutest LabLink@193167 11:02 19-May-2004

## Report of Analysis

Page 1 of 1

Client Sample ID: RFR FRAC TANK #238774		Date Sampled: 11/07/03
Lab Sample ID: N52638-1		Date Received: 11/07/03
Matrix: AQ - Water		Percent Solids: n/a
Method: SW846 8260B SW846 1311		
Project: West End Remediation, Saint Pauls Avenue, Jersey City, NJ		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K78426.D	5	11/11/03	YMII	11/10/03	GP21308	VK2674
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	HW#	MCL	RL	MDL	Units	Q
71-43-2	Benzene	0.284	D918	0.50	0.0050	0.0011	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits				
1868-53-7	Dibromofluoromethane	98%				81-120%		
17060-07-0	1,2-Dichloroethane-DM	88%				68-130%		
2037-26-5	Toluene-D8	100%				83-116%		
400-00-4	4-Bromofluorobenzene	96%				83-119%		

ND = Not detected MDL = Method Detection Limit  
MCL = Maximum Contamination Level (40 CFR 261.6/96)  
E = Indicates value exceeds calibration range

J = Indicates an estimated value  
B = Indicates analyte found in associated method blank  
N = Indicates presumptive evidence of a compound

MAY-21-04 FRI 02:35 PM SCHOOR\_DEPALMA

FAX NO. 732 577 9888

P. 10/12

Accutest LabLink@193167 11:02 19-May-2004

## Report of Analysis

Page 1 of 1

Client Sample ID: RFR FRAC TANK #238774  
Lab Sample ID: N52638-J  
Matrix: AQ - Water  
Date Sampled: 11/07/03  
Date Received: 11/07/03  
Percent Solids: n/a  
Project: West End Remediation, Saint Pauls Avenue, Jersey City, NJ

## General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Petroleum Hydrocarbons	0.58	0.51	mg/l	1	11/10/03	JH	EPA 418.1

EL - Reporting Limit

MAY-21-04 FRI 02:35 PM SCHOOOR\_DEPALMA

FAX NO. 732 577 9888

P. 11/12

Accutest LabLink@103107 11:02 19-May-2004

## Report of Analysis

Page 1 of 1

Client Sample ID:	REFR FRAC TANK #239715	Date Sampled:	11/07/03
Lab Sample ID:	N52638-2	Date Received:	11/07/03
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B SW846 1311		
Project:	West End Remediation, Saint Pauls Avenue, Jersey City, NJ		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	K78127.D	5	11/11/03	YMII	11/10/03	GP21308	VK2674
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	HW#	MCL	RI	MDL	Units	Q
71-43-2	Benzene	ND	DD18	0.50	0.0050	0.0011	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits				
1868-53-7	Dibromofluoromethane	99%		81-120%				
17050-07-0	1,2-Dichloroethane-D4	90%		68-130%				
2037-26-5	Toluene-D8	100%		83-116%				
460-00-4	4-Bromofluorobenzene	99%		83-110%				

ND = Not detected    MDL = Method Detection Limit  
 MCL = Maximum Contamination Level (40 CFR 201.6/96)  
 E = Indicates value exceeds calibration range

J = Indicates an estimated value  
 B = Indicates analyte found in associated method blank  
 N = Indicates presumptive evidence of a compound



MAY-21-04 FRI 02:35 PM SCHOOOR\_DEPALMA

FAX NO. 732 577 9888

P. 12/12

Acctest LabLink@103107 11:02 19-May-2004

## Report of Analysis

Page 1 of 1

Client Sample ID:	REFR FRAC TANK #239715	Date Sampled:	11/07/03
Lab Sample ID:	N52638-2	Date Received:	11/07/03
Matrix:	AQ - Water	Percent Solids:	n/a
Project:	West End Remediation, Saint Pauls Avenue, Jersey City, NJ		

## General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Petroleum Hydrocarbons	0.72	0.51	mg/l	1	11/10/03	JH	EPA 418.1

RL = Reporting Limit

**Memorandum**
**Passaic Valley  
Sewerage Commissioners**

**TO:** George F. McGehrin, Finance Manager  
**FROM:** Louis C. Lambe, Connection Program Coordinator  
**DATE TO FINANCE:** Thursday, May 06, 2004  
**TO CLEAR ON:** Thursday, May 20, 2004  
**RE:** Connection Application # 200419311028  
 PSEG Services, PSEG-Charlotte & St. Pauls Avenue

Enclosed is the Connection Fee payment in the form of a company check submitted by PSEG Services of PO Box 330 in Newark, NJ for a sewer connection project located in Jersey City. This projects consists of PSEG Services proposes a temporary groundwater recovery and treatment system at PSEG's former West End Gas Works, located in Jersey City. The proposed treatment system will convey treated groundwater to JCMUA Sanitary Sewer System..

#	Establishment Type Description	FeeType	Rate	Gallons	Fee
(1)	Letter of Authorization	Administrative	\$200.00	0.00	\$200.00
(1)	Industrial Application Fee	Administrative	\$750.00	0.00	\$750.00
(1)	Application	Administrative	\$250.00	0.00	\$250.00
(1)	Contractual Indirect Discharger	Connection	\$1.91	100,000.00	\$76,400.00
<b>Totals:</b>				<b>100,000.00</b>	<b>\$77,600.00</b>

**Louis C. Lambe,**  
**Connection Program Supervisor**

**C: Bryan J. Christiansen,**  
**Executive Director**

THIS CHECK IS PRINTED IN TWO COLORS. DO NOT ACCEPT UNLESS BLUE AND BROWN ARE PRESENT.

**PSEG** PSEG Services  
P.O. BOX 330  
NEWARK, N.J. 07101

Check Date: 01/12/2004 Check Number: 6100017586 Check Amount: \*\*\*\*\*\$77,600.00

Pay  
Seventy seven thousand six hundred and 00/100 Dollars

TO THE ORDER OF: PASSAIC VALLEY SEWERAGE  
600 WILSON AVENUE  
NEWARK NJ 07105

*A. Rostami*  
AUTHORIZED SIGNATURE

⑈6100017586⑈ ⑆031100225⑆ 2079950065658⑈



**SCHOOR DEPALMA**  
Engineers and Consultants

INDUSTRIAL 003-833			
8110	8115	8120	8125
MAY 06 2004			
May 5, 2004			

**VIA FEDERAL EXPRESS**

Mr. Louis Lambe  
Connection Program Coordinator  
Passaic Valley Sewerage Commissioners  
Industrial Department  
600 Wilson Avenue  
Newark, NJ 07105

**RE: PSEG Former West End Gas Works  
Jersey City, Hudson County, NJ  
Request for Issuance of a Letter of Authorization  
General Industrial Treatment Works Approval Endorsement  
Our Job Number S99227B**

Dear Mr. Lambe:

As you are already aware, PSEG Services Corporation is proposing to discharge up to 100,000 GPD of treated groundwater resulting from the excavation dewatering and site remediation of the Former West End Gas Works Manufacturing Gas Plant located in Jersey City, Hudson County to the Passaic Valley Sewerage Commissioners (PVSC) Wastewater Treatment Plant. The site remediation will include the removal of existing contaminated soils containing volatiles, semi-volatiles and metals with the use of a braced sheet pile excavation. The excavation will vary from 10 to 30 feet in depth. A dewatering system will be employed to prevent the infiltration of groundwater into the excavation pit. All collected liquids from the dewatering system will be treated on-site to acceptable limits and will then be conveyed via a temporary 8" PVC lateral to an existing 30" DIP main located along Charlotte Avenue on the perimeter of the proposed project site. The flow will ultimately go to the PVSC Treatment Plant for final treatment.

Enclosed please find a complete PVSC Application for a Letter of Authorization to release 100,000 GPD of treated wastewater to PVSC. Also enclosed is a complete New Jersey Department of Environmental Protection Agency (NJDEP) General Industrial Treatment Works Approval (GITWA) Application for endorsement by PVSC as the Wastewater Treatment Facility Owner on Statement of Consent Form (WQM-003 Form). Schoor DePalma is submitting this application in order to act as the agent for PSEG Services Corporation.

This application has already been submitted to the Jersey City Municipal Utilities Authority (JCMUA) for endorsement as the Wastewater Conveyance System Owner. JCMUA has informed us that they will not sign off on the WQM-003 Form for endorsement until a Letter of Authorization for treatment of the proposed flows is obtained from PVSC for this project.

The following items are enclosed for your review:

1. One (1) original copy of PVSC's Sewer Connection Submittal Requirement Checklist.
2. One (1) original copy of PVSC's Application for Letter of Authorization to release 100,000 GPD of treated wastewater resulting from the Groundwater Cleanup of PSEG's Former West End Gas Works.

**Your Bottom Line Results Partner™**

Justin Corporate Center, 200 State Highway Nine, P.O. Box 900, Manalapan, NJ 07726-0900 Tel: 732.577.9000 Fax: 732.577.9888  
Manalapan ■ Atlantic City ■ Brick ■ Clinton ■ Exton ■ Kulpsville ■ Parsippany  
Philadelphia ■ Phillipsburg ■ Stafford ■ Voorhees ■ White Plains  
[www.schoordepalma.com](http://www.schoordepalma.com)



S99227B

Mr. Louis Lambe

May 5, 2004

Page 2

3. One (1) original copy of PVSC's Sewer Connection Fee Calculation Sheet identifying a Total Connection Fee of \$77,600.00 for this project.
4. A check in the amount of \$77,600.00 from PSEG Services Corporation representing the appropriate Application, Letter of Authorization and Connection Fee for this project.
5. One (1) copy of the "Final Sewer Conveyance Plan," sheet 1 of 1, dated 12/09/03 and last revised 03/22/04, signed and sealed by Kenneth Cacossa, P.E. The plan shows the plan and profile of the proposed sewer conveyance.
6. One (1) copy of the "Final Anticipated Dewatering Treatment System", sheet 4 of 7, dated 10/10/03. The plan shows a schematic of the proposed on-site treatment system.
7. One (1) copy of the report entitled, "Technical Specifications, Sanitary Sewer Construction for PSEG Former West End Gas Works," dated December 2003, and signed and sealed by Kenneth Cacossa, P.E.
8. One (1) copy of the NJDEP completed Treatment Works Approval Checklist.
9. One (1) copy of the NJDEP TWA-1 application form.
10. One (1) original WQM-003 Statements of Consent form **for endorsement by PVSC as the Wastewater Treatment Facility Owner**. Once again, this application has already been submitted to the Jersey City Municipal Utilities Authority (JCMUA) for endorsement as the Wastewater Conveyance System Owner. JCMUA has informed us that they will not sign off on the WQM-003 Form for endorsement until a Letter of Authorization for treatment of the proposed flows is obtained from PVSC for this project. A copy of the WQM-003 endorsement by the Jersey City MUA will be forwarded on to the PVSC upon receipt.
11. One (1) copy of a USGS Quadrangle with the site location denoted.
12. One (1) copy of the Receipts of Public Notification from the Jersey City Planning Board and Environmental Commission.
13. One (1) copy of a completed Construction Cost Estimate for the proposed temporary sewerage conveyance signed and sealed by Kenneth Cacossa, P.E.
14. One (1) copy of a completed WQM-006 Engineers Report Form signed and sealed by Kenneth Cacossa, P.E. Please take note that this is a General Industrial TWA Application, and as such additional items number 15, 16 and 17 listed below are required.
15. One (1) copy of a completed Licensed Operator Grading Sheet Form DWR-175 signed and sealed by Kenneth Cacossa, P.E.



S99227B

Mr. Louis Lambe

May 5, 2004

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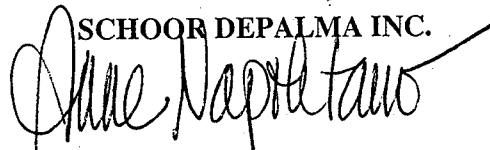
16. One (1) copy of a completed Engineers Certification for General Industrial TWA's signed and sealed by Kenneth Cacossa, P.E.
17. One (1) copy of the report entitled, "Engineers Abstract, Proposed Temporary Mobile Treatment Works Facility for PSEG Former West End Gas Works," dated December 2003, and signed and sealed by Kenneth Cacossa, P.E.

**Please endorse the WQM-003 form where tabbed and provide copies of the appropriate resolutions to this office.**

These items represent a complete application for the requested approval. Should you have any questions regarding the above application materials, please do not hesitate to contact John Wojnas of our office at (732) 577-9000 ext. 269 or Raymond A. Tripodi of PSEG Services Corporation at (973) 430-8832. In an effort to expedite approvals and make the most efficient use of time, we request that any comments or questions be made via telephone (prior to or simultaneous with written comments). This office will respond immediately to your concerns.

Thank you for your prompt attention to this application package.

Very truly yours,

**SCHOOR DEPALMA INC.**  
  
 Anne Napolitano  
 Project Manager

JW: AN:sm

Enclosures

C: Raymond A. Tripodi, PSEG Services Corporation  
 Craig W. Veprek, PSEG Services Corporation  
 Greg Oross, PSEG Services Corporation  
 Thomas Kane, Executive Director, JCMUA  
 Joseph Beckmeyer, P.E., Chief Engineer, JCMUA  
 Mark Curtis, Esq., Senior Staff Attorney, JCMUA  
 Chris Piersa, P.E., JCMUA  
 Pete Neese, P.E., Schoor DePalma  
 Kenneth Cacossa, P.E., Schoor DePalma  
 Jason Schindler, Schoor DePalma

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# MEMO

TO: Raymond Tripodi  
FROM: Angela Dees  
DATE: October 13, 2004  
RE: PSE&G West End Site

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Mr. Tripodi,

Please disregard the previous note concerning the West End Site. We have located a copy of your application along with the fees. I am faxing you copies of this information for your files.

As per our conversation, I need to know which wells are being pumped along with a letter from the JCMUA stating you will not surcharge the lines.

If you have any questions, please contact me @ 973-324-9466.